

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Canceled)

2. (Currently Amended) A method of predicting stock market behavior using trading software implemented on a processor, said trading software having a data analysis tool implementing natural language processing and a stock predictor implementing a stock prediction model, said method comprising:

said data analysis tool extracting information from news media relating to a particular publicly traded company using said natural language processing to parse or pattern match on words in said news media to identify natural language text describing activities or announcements of said particular publicly traded company that is in or near sentences containing a name of said particular publicly traded company and to automatically fill ~~create a~~ templates including with said natural language text ~~describing activities or announcements of said particular publicly traded company;~~

said data analysis tool using a clustering algorithm to cluster at least some of said templates into groups that are statistically correlated with ~~relating~~ changes in stock price of said particular publicly traded company ~~to information stored in said template about said particular publicly traded company;~~

said data analysis tool determining a statistical significance of said changes in stock price of said particular publicly traded company based on ~~said information~~ in said clustered templates; and

said stock predictor predicting changes in price of the stock of said particular publicly traded company based on new information about said particular publicly traded company if information of the type included in the new information has in the past caused a statistically significant change in the stock price in said particular publicly traded company.

3. (Currently Amended) A method as in claim 2, said data analysis tool further using said clustering algorithm to cluster templates containing the extracted information of said particular publicly traded company with templates containing extracted information of another company whose stock price has been shown to be similarly affected by similar information as of the type included in said new information.

4. (Currently Amended) A method as in claim 2, ~~said data analysis tool using natural language processing to parse sources of said information for information about said particular publicly traded company,~~ said data analysis tool further standardizing different references to the particular publicly traded company by different proper names, co-referencing when the particular publicly traded company is referred to by a pronoun ~~pronouns~~, adding said new information to said template, and adding additional information about said particular publicly traded company to said template using databases and/or derived values.

5. (Currently Amended) A method as in claim 2, said ~~data analysis tool~~ clustering algorithm further clustering templates containing information about different publicly traded companies into similar cluster groups, and said data analysis tool determining changes in stock price at different intervals for different companies in a cluster group in response to comparable information[[.]] and estimating the statistical probability of a change in the stock price of said particular publicly traded company in response to certain new information statistically correlated to that in said comparable information.

6. (Previously Presented) A method as in claim 2, comprising the further step of conducting a stock trade based on said predicted changes in stock price.

7. (New) A method as in claim 2, comprising the further steps of weighting textual attributes of said news media and of said natural language processing pattern matching said weighted textual attributes for current and previous news media to provide statistical feedback

comparing current news media to previous new media to determine similarities between said current news media and said previous news media.

8. (New) A method as in claim 2, comprising the further step of weighting written advice from market experts in accordance with the historical behavior of the market with respect to that written advice.